

FIG. 1

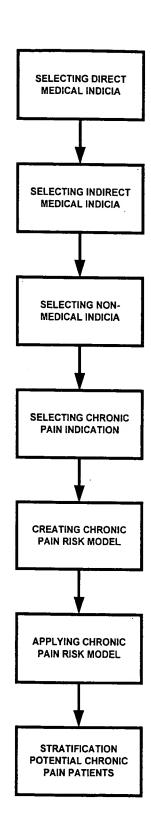


FIG. 2

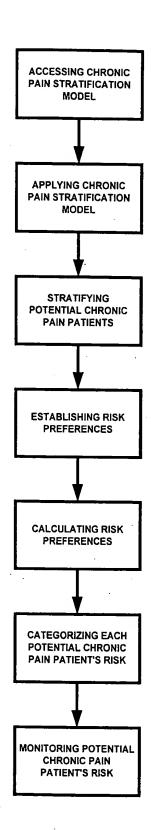
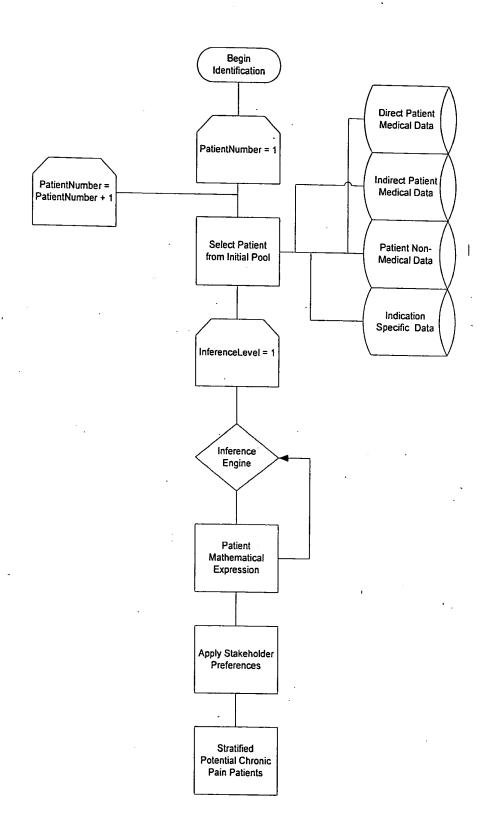


FIG. 3



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1. ICD-9-CM "Specific" Lumbar Spine Diagnoses Ode relating to the underlying injury. The presence of this data similar rodes for other pain indication. For this example there is a specific ICD-9-CM diagnostic Code. 3. ICD-9-CM "Non-specific" Generalized Pain Indications is a significant indicator. The presence of the indicates the presence of pain. The presence of the indicates the providers syndrome Diagnoses Codes. 3. ICD-9-CM "Non-specific" Generalized Pain Indications is a significant indicator. 3. ICD-9-CM procedure Code Identifying a CO-floronic pain patients typically have an associtated in a "non-specific" manner by providers who are not pain treatment specialists. However, this code indicates the presence of pain, and is an important indicator. 4. ICD-9-CM procedure Code Clearly Attributing the Condition There are numerous known medical conditions for which pain is an associated Diagnostic Code Clearly Attributing the symptom. Offer, these conditions are reflected in the medical data, while the Condition is Related to a Known Acute Pain condition is not specifically coded. Identifying the presence of these codes is a significant indicator for the presence of a pain condition is condition is Related to a Known Acute Pain associated with the treatment of acute pain. The presence of one or more of these codes is a significant indicator for the presence of acute pain. The presence of one or more of these operative surgical pain) 6. CPT Codes Indicating the Condition is Related pain is sale sociated with the treatment of acute pain. The presence of one or more of these operative surgical pain) 7. ICD-9-CM Procedure Codes Relating to Lumbar associated with the treatment of acute pain. The presence of one or more of these operative surgical pain) 8. ICD-9-CM Procedure Codes Relating to Lumbar associated with the treatment of seven pain. The presence of one or more of these obes is a significant indicator for the presence of one or more of these codes is a significant indicator for the presence of one	L	D:4 M - 1; -1 T - 1; -1	- 4
Code. ICD-9-CM "Non-specific" Generalized Pain Syndrome Diagnoses Codes. ICD-9-CM Diagnoses Codes. ICD-9-CM Diagnosis Code Identifying a Comorbidity Commonly Associated with Lumbar Spine Injury. ICD-9-CM Diagnosis Code Clearly Attributing the Condition to a Diagnosis Commonly Associated with Chronic Pain. ICD-9-CM Procedure Codes Indicating the Condition is Related to a Known Acute Pain. ICD-9-CM Procedure Codes Indicating the Condition (e.g. post-operative surgical pain). CPT Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. Spine Pain. Spine Pain Establishing a Pattern of Chronicity of time and homogeneity).	_	Direct Medical Indicia	Kellarks
Code. ICD-9-CM "Non-specific" Generalized Pain Syndrome Diagnoses Codes. ICD-9-CM Diagnosis Code Identifying a Comorbidity Commonly Associated with Lumbar Spine Injury. ICD-9-CM "Other" Medical Condition Diagnostic Code Clearly Attributing the Condition to a Diagnosis Commonly Associated with Chronic Pain. ICD-9-CM Procedure Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). CPT Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Care. Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain Establishing a Pattern of Chronicity c (time and homogeneity).		ICD-9-CM "Specific" Lumbar Spine Diagnoses	The Direct Medical Indicia example used in this document relates to the lumbar spine pain indication. For this example there is a specific ICD-9-CM diagnostic
Syndrome Diagnoses Codes. Syndrome Diagnoses Codes. ICD-9-CM Diagnosis Code Identifying a Comorbidity Commonly Associated with Lumbar Spine Injury. ICD-9-CM "Other" Medical Condition Diagnostic Code Clearly Attributing the Condition to a Diagnosis Commonly Associated with Chronic Pain. ICD-9-CM Procedure Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). CPT Codes Indicating the Condition is Related to a Known Acute Pain Condition Codes Indicating the Condition Codes Indicating the Condition (e.g. post-operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. Spine Pain Establishing a Pattern of Chronicity (time and homogeneity).		Code.	code relating to the underlying injury. The presence of this (and similar codes for other pain indications) is a significant indicator for the presence of pain
Syndrome Diagnoses Codes. ICD-9-CM Diagnosis Code Identifying a Comorbidity Commonly Associated with Lumbar Spine Injury. ICD-9-CM "Other" Medical Condition Diagnostic Code Clearly Attributing the Condition to a Diagnosis Commonly Associated with Chronic Pain. ICD-9-CM Procedure Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). CPT Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative Surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Care. Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. Spine Pain.	12	ICD-9-CM "Non-specific" Generalized	It is common for pain to be characterized in a "non-specific" manner by providers
ICD-9-CM Diagnosis Code Identifying a Comorbidity Commonly Associated with Lumbar Spine Injury. ICD-9-CM "Other" Medical Condition Diagnostic Code Clearly Attributing the Condition to a Diagnosis Commonly Associated with Chronic Pain. ICD-9-CM Procedure Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). CPT Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain.		Syndrome Diagnoses Codes.	who are not pain treatment specialists. However, this code indicates the presence
ICD-9-CM Diagnosis Code Identifying a Comorbidity Commonly Associated with Lumbar Spine Injury. ICD-9-CM "Other" Medical Condition Diagnostic Code Clearly Attributing the Condition to a Diagnosis Commonly Associated with Chronic Pain. ICD-9-CM Procedure Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). CPT Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain.			of pain, and is an important indicator.
morbidity Commonly Associated with Lumbar Spine Injury. ICD-9-CM "Other" Medical Condition Diagnostic Code Clearly Attributing the Condition to a Diagnosis Commonly Associated with Chronic Pain. ICD-9-CM Procedure Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). CPT Codes Indicating the Condition (e.g. post-operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain.	<u>~</u>	ICD-9-CM Diagnosis Code Identifying a Co-	Chronic pain patients typically have an assortment of health problems. Patterns
Spine Injury. ICD-9-CM "Other" Medical Condition Diagnostic Code Clearly Attributing the Condition to a Diagnosis Commonly Associated with Chronic Pain. ICD-9-CM Procedure Codes Indicating the Condition is Related to a Known Acute Pain CONDITION (e.g. post-operative surgical pain). CPT Codes Indicating the Condition (e.g. post- operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain.		morbidity Commonly Associated with Lumbar	or clusters of these other health issues can be identified in the data, and more will
ICD-9-CM "Other" Medical Condition Diagnostic Code Clearly Attributing the Condition to a Diagnosis Commonly Associated with Chronic Pain. ICD-9-CM Procedure Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). CPT Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post- operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain.		Spine Injury.	be learned from the inductive learning capabilities of the chronic condition
Diagnostic Code Clearly Attributing the Condition to a Diagnosis Commonly Associated with Chronic Pain. ICD-9-CM Procedure Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). CPT Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain.			management system.
Diagnostic Code Clearly Attributing the Condition to a Diagnosis Commonly Associated with Chronic Pain. ICD-9-CM Procedure Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). CPT Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain.	4.	ICD-9-CM "Other" Medical	There are numerous known medical conditions for which pain is an associated
Condition to a Diagnosis Commonly Associated with Chronic Pain. ICD-9-CM Procedure Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). CPT Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain.	_	uting	symptom. Often, these conditions are reflected in the medical data, while the
with Chronic Pain. ICD-9-CM Procedure Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). CPT Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain.			pain condition is not specifically coded. Identifying the presence of these codes
ICD-9-CM Procedure Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). CPT Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain.		with Chronic Pain.	is a significant indicator for the presence of a pain condition.
Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). CPT Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain Establishing a Pattern of Chronicity (time and homogeneity).	s.	ICD-9-CM Procedure Codes Indicating	There is a commonly accepted list of known ICD-9-CM procedure codes
Condition (e.g. post-operative surgical pain). CPT Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. post-operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain.			associated with the treatment of acute pain. The presence of one or more of these
CPT Codes Indicating the Condition is Related to a Known Acute Pain Condition (e.g. postoperative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain Establishing a Pattern of Chronicity (time and homogeneity).		Condition (e.g. post-operative surgical pain).	codes is a significant indicator for the presence of acute pain.
to a Known Acute Pain Condition (e.g. post- operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain Establishing a Pattern of Chronicity (time and homogeneity).	9	CPT Codes Indicating the Condition	There is a commonly accepted list of known physician services (CPT) codes
operative surgical pain). ICD-9-CM Procedure Codes Relating to Lumbar Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain Establishing a Pattern of Chronicity (time and homogeneity).			associated with the treatment of acute pain. The presence of one or more of these
ICD-9-CM Procedure Codes Relating to Lumbar Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain Establishing a Pattern of Chronicity (time and homogeneity).		operative surgical pain).	codes is a significant indicator for the presence of acute pain.
Spine Care. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain Establishing a Pattern of Chronicity (time and homogeneity).	7.	to Lumbar	There is a commonly accepted list of known ICD-9-CM procedure codes
ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain Establishing a Pattern of Chronicity (time and homogeneity).	_	Spine Care.	associated with lumbar spine care. It is commonly accepted that pain is often
ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain Establishing a Pattern of Chronicity (time and homogeneity).			concomitantly associated with lumbar spine care. The presence of one or more of
ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain Establishing a Pattern of Chronicity (time and homogeneity).			these codes is an indicator for the potential presence of lumbar spine pain.
Spine Pain. ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain Establishing a Pattern of Chronicity (time and homogeneity).	∞		There is a commonly accepted list of known ICD-9-CM procedure codes
ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain Establishing a Pattern of Chronicity (time and homogeneity).		Spine Pain.	associated with the treatment of lumbar spine pain. The presence of one or more
ICD-9-CM Procedure Codes Relating to Lumbar Spine Pain Establishing a Pattern of Chronicity (time and homogeneity).			of these codes is a significant indicator for the presence of lumbar spine pain.
g a Pattern of Chronicity	9.	-	t is assumed that a pattern of specific treatment occurring continuously over the
(time and homogeneity).		g a Pattern of Chronicity	course of >91 days tends to indicate a pattern of chronicity.
		(time and homogeneity).	

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Direct Medical Indicia	Remarks
10. CPT Codes Identifying Lumbar Spine Care-	There is a commonly accepted list of known physician service (CPT) codes
related Procedures.	associated with lumbar spine care. It is commonly accepted that pain is often
	concomitantly associated with lumbar spine care. The presence of one or more of
	these codes is an indicator for the potential presence of lumbar spine pain.
11. CPT Codes Identifying Lumbar Spine Pain-	There is a commonly accepted list of known physician service (CPT) codes
related Procedures.	associated with the treatment of lumbar spine pain. The presence of one or more of these codes is a similar indicator for the presence of lumbar animals.
12 CDT Codon Idontifican I Caine Doi:	This course to a significant mulcator for the presence of fullibat spille paint.
<u> </u>	It is assumed that a pattern of specific treatment occurring continuously over the
Chronicity.	course of -21 days tends to indicate a pattern of enronicity.
13. Drug Prescription Codes for opioid, non-	There is a commonly accepted list of nationally recognized drug codes associated
steriodal or muscle relaxant indicating dosage,	with the treatment of lumbar spine pain. The presence of one or more of these
frequency, length of time, combinations	codes is an indicator for the presence of lumbar spine pain. The predictive power
consistent with spine pain treatment.	of prescription drug codes significantly increases as such drug codes are found in
14. Drug Prescription Codes for opioid, non-	A patient's drug treatment regiment is significantly related to their propensity to
steriodal or muscle relaxant indicating dosage,	later develop a chronic pain condition.
frequency, length of time, combinations	•
identifying patient as being at risk of developing	
a chronic lumbar pain condition.	
15. Drug Prescription Codes for opioid, non-	It is assumed that a pattern of specific treatment occurring continuously over the
steriodal or muscle relaxant indicating dosage,	course of >91 days tends to indicate a pattern of chronicity.
frequency, length of time, combinations	
consistent with chronic spine pain treatment.	
16. Emergency Room Visits (with ICD-9-CM; CPT	A patient's frequent use of emergency room services is an indicator of an
or Drug Codes, or test results) Indicating a	uncontrolled or "spiking" medical condition. It is common for lumbar spine
Lumbar Spine Condition	patients who are experiencing associated severe pain, to make use of emergency
	room services, particularly those associated with pain control. This is a
	significant indicator of the presence of uncontrolled pain.

FIG. 5b

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Direct Medical Indicia	Remarks
17. Emergency Room Visits (with ICD-9-CM, CPT	A patient's frequent use of emergency room services is an indicator of an
or Drug Codes, or test results) Indicating a	uncontrolled or "spiking" medical condition. It is common for lumbar spine
Lumbar Spine Pain Condition	patients who are experiencing associated severe pain, to make use of emergency room services narticularly those associated with pain control. This is a
	significant indicator of the presence of uncontrolled pain.
18. Emergency Room Visits (with ICD-9-CM, CPT	It is assumed that a pattern of specific treatment occurring continuously over the
_	course of ≥ 91 days tends to indicate a pattern of chronicity.
Chronicity of a Lumbar Spine Pain Condition (time and pattern or homogeneity)	
19. Hospitalizations Visits (with ICD-9-CM, CPT or	"Days in hospital" is an indicator of a patient's uncontrolled or "spiking" medical
Drug Codes, or test results) Indicating a Lumbar	condition, and can relate to severity level of that patient's medical condition.
Spine Condition	Lumbar spine patients who are experiencing associated severe pain, are
	sometimes hospitalized for that condition. This is a significant indicator of the
	presence of uncontrolled pain.
20. Hospitalizations Visits (with ICD-9-CM, CPT or	"Days in hospital" is an indicator of a patient's uncontrolled or "spiking" medical
Drug Codes, or test results) Indicating a Lumbar	condition, and can relate to severity level of that patient's medical condition.
Spine Pain Condition	Lumbar spine patients who are experiencing associated severe pain, are
	sometimes hospitalized for that condition. This is a significant indicator of the
	presence of uncontrolled pain.
21. Hospitalizations Visits (with ICD-9-CM, CPT or	It is assumed that a pattern of specific treatment occurring continuously over the
Drug Codes, or test results) Establishing the	course of >91 days tends to indicate a pattern of chronicity.
Chronicity of Lumbar Spine Pain Condition	
(time and pattern or homogeneity)	
22. Physician Office Visits (with ICD-9-CM, CPT	Frequency of "physician office visits" is an indicator of a patient's uncontrolled
or Drug Codes, or test results) Indicating a	or "spiking" medical condition, and can relate to severity level of that patient's
Lumbar Spine Condition	medical condition. Lumbar spine patients who are experiencing associated severe
	pain often seek in-office physician care for that condition. This is a significant
	indicator of the presence of uncontrolled pain.

FIG. 50

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Direct Medical Indicia	Remarks
23. Physician Office Visits (with ICD-9-CM, CPT	23. Physician Office Visits (with ICD-9-CM, CPT Frequency of "physician office visits" is an indicator of a patient's uncontrolled
or Drug Codes, or test results) Indicating a	or "spiking" medical condition, and can relate to severity level of that patient's
Lumbar Spine Pain Condition.	medical condition. Lumbar spine patients who are experiencing associated severe
	pain often seek in-office physician care for that condition. This is a significant
	indicator of the presence of uncontrolled pain.
24. Physician Office Visits (with ICD-9-CM, CPT	24. Physician Office Visits (with ICD-9-CM, CPT Frequency of "physician office visits" is an indicator of a patient's uncontrolled
or Drug Codes, or test results) Establishing the	or "spiking" medical condition. Lumbar spine patients who are experiencing
Chronicity of a Lumbar Spine Pain Condition	associated severe pain often seek in-office physician care for that condition. This
(time and pattern or homogeneity of complaint).	is a significant indicator of the presence of uncontrolled pain.
25. Rehabilitation or Palliative Care ICD-9-CM	ICD-9-CM Pain patients often receive rehabilitation or palliative care services as a part of
Procedure Codes.	their proscribed treatment regimen.
26. Telephone Consultation (with documentation	Frequency of "telephone consultations" with a care provider is an indicator of a
relating to lumbar spine pain condition)	patient's uncontrolled or "spiking" medical condition. Lumbar spine patients who
	are experiencing associated severe pain often contact their care for that condition.
	This is an indicator of the presence of uncontrolled pain.
27. Coded Trauma (related test result, procedure,	Trauma is a precipitating factor for certain pain indications.
etc.).	

FIG. 5d

Direct Medical Indicia	Maximum	
Drug Product	Recommended Daily	Chronic Pain Indicators
	Dose (Adult)	
Over The Counter Non-Narcotic Analgesic Agents	建筑的现在分词	おるとなるというないのであるというないというというというというというというというというというというというというという
Acetaminophen (Tylenol)	12 tabs	12 tabs
		≥91 days
Aspirin 325mg	18 tabs	18 tabs
		≥91 days
blbuprofen 200mg (Motrin)	16 tabs	16 tabs
		≥91 days
Salicylate Agents	金利亞爾巴斯·洛克里利尼	"我们会,我们就是一个事情的。" 第一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
Salsalate 500mg (Disalcid)	6 tabs	6 tabs
		≥91 days
Diflunisal 500mg (Dolobid)	3 tabs	3 tabs
		≥91 days
Opioid and Related Analgesic Agents	的 是是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一	このはあるときのませいかというと
APAP/Propoxyphene Napsylate 100	6 tabs	6 tabs
(Darvocet-N 100)		≥91 days
APAP/Oxycodone 5/325 (Percocet)	12 tabs	12 tabs
		≥91 days
ASA/Oxycodone 5/325 (Percodan)	18 tabs	18 tabs
		≥91 days
APAP/Oxycodone 5/500 (Tylox)	8 tabs	8 tabs
		≥91 days
APAP/Hydrocodone 5/500 (Vicodin)	8 tabs	8 tabs
		≥91 days
APAP/Hydrocodone 10/650 (Lorcet)	6 tabs	6 tabs
		≥91 days
APAP/Hydrocodone 2.5/500 (Lortab)	8 tabs	8 tabs
		≥91 days

FIG. 6a

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APAP/Codeine 30/300 (Tylenol-3) Non-Steroidal Anti-inflammatory Drugs (NSAIDs) Celecoxib (Celebrex) Diclofenac 100mg ER (Voltaren XR) Etodolac Extended Release 400mg (Lodine XL) Naproxen Controlled Release 500mg (Naprelan) 2 ta	Recommended Daily Dose (Adult)h 12 tabs 4 caps 2 tabs 3 tabs	Indicators 12 tabs ≥91 days 4 caps ≥91 days 2 tabs ≥91 days 3 tabs
30/300 (Tylenol-3) tivintlammatory Drugs (NSAIDs) brex) ng ER (Voltaren XR) led Release 400mg (Lodine XL) olled Release 500mg (Naprelan)	12 tabs 4 caps 2 tabs 3 tabs 2 tabs	12 tabs ≥91 days 4 caps ≥91 days 2 tabs ≥91 days 3 tabs
trinflammatory Drugs (NSAIDs) berx) mg ER (Voltaren XR) led Release 400mg (Lodine XL) olled Release 500mg (Naprelan)	4 caps 2 tabs 3 tabs 2 tabs	≥91 days 4 caps 291 days 2 tabs ≥91 days 3 tabs
ebrex) ng ER (Voltaren XR) led Release 400mg (Lodine XL) olled Release 500mg (Naprelan)	4 caps 2 tabs 3 tabs 2 tabs	4 caps 291 days 2 tabs ≥91 days 3 tabs
	2 tabs 3 tabs 2 tabs	291 days 2 tabs 291 days 3 tabs
	2 tabs 3 tabs 2 tabs	2 tabs ≥91 days 3 tabs
	3 tabs 2 tabs	≥91 days 3 tabs
	3 tabs 2 tabs	3 tabs
	2 tabs	- CACC - CA
		2 tabs
		≥91 days
Nabumeton 500mg (Relafen) 4 tal	4 tabs	4 tabs
		≥91 days
医神经型 — 由主张法书》中的原则的是是"特别"的一个一个	では、これでは、 とのでは、 との	とは、大きないのでは、これのでは、これのでは、
Carisoprodol (Soma) 4 tal	4 tabs	4 tabs
		≥91 days
Chlorzoxazone (Paraflex)	12 tabs	12 tabs
		≥91 days
Cylobenzaprine (Flexeril) 6 tal	6 tabs	6 tabs
		≥91 days
Diazepam 5mg (Valium) 8 tab	8 tabs	8 tabs
		≥91 days
Metaxalone (Skelaxin) 8 tab	8 tabs	8 tabs
		≥91 days
Methocarbamol 500 (Robaxin) 8 tab	8 tabs	8 tabs
		≥91 days
Orphenadrine Citrate (Norflex) 2 tab	2 tabs	2 tabs
		≥91 days

FIG. 6b

Indirect Medical Indicia	Measure	Remarks
1. Physician Office Visits	a. Associated ICD-9-CM or CPT code.	Chronic pain patients frequently
a. Documented reason for visit	b. Medical record notation.	visit the physician office, for pain
b. Physician specialty	c. Associated time period, either multiple visits	related reasons as well as for
associated with visit	within an associated period of time; or pattern of	complaints of non-specific origin.
c. Time period establishing	visits showing elapsed period of time (e.g. >91	
chronicity	days).	
2. Emergency Room Visits	a. Associated ICD-9-CM or CPT code.	Chronic pain patients frequently
a. Reason for visit	b. Associated time period, either multiple visits	present to the ER for pain related
b. Time period establishing	within an associated period of time; or pattern of	reasons as well as for complaints
chronicity	visits showing elapsed period of time (e.g. >91	non-specific in origin.
,	days months).	
3. Drug Therapy	a. Drug code for drugs (e.g. anti-inflammatory, anti-	Prescription and non-prescription
a. Drug prescription	depressant, muscle relaxant, opioid) associated	drug use is a common indicator of
b. Drug combinations	with pain symptom treatment.	chronic pain. Such drugs are
c. Dosing levels	b. Drug codes, when used in combination, tend to	often provided to patients from a
d. Prescription patterns	indicate presence of pain.	variety of sources in an
e. Time period establishing	c. Dosing level consistently high.	uncoordinated manner, or without
chronicity	d. Multiple prescribers.	the development of a patient plan
f. Pattern of substance abuse	e. Associated time period establishing elapsed period	of care.
	of time (\geq 91 days).	
	f. Evidence of drug over use or use of illegal drugs.	
4. Telephone Consults		Chronic pain patients often
a. Documented reason for call	a. Notation in medical record, associated code if	demand more attention from their
b. Frequency of calls	possible.	caregivers than the general
c. Pattern of calls	b. Calls outside the defined range of frequency for a	population, for symptom -
d. Time period establishing	typical patient.	specific as well as for non-
chronicity	c. Clustered calls with a defined time period.	symptom specific reasons.
	e. Associated time period establishing elapsed	
	period of time (≥ 91 days).	

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Indirect Medical Indicia	Measure	Remarks
5. Primary Diagnosis	ICD-9-CM diagnostic code associated with pain	Chronic pain can be identified
	condition or trauma, or with a disease known to	through diagnostic codes two
	have associated pain condition.	ways: the pain can be a condition
		associated with a disease state
		such as diabetes (indirect), or it
		can be the primary reason for the
		pain condition such as low back
		pain (direct).
6. Co-Morbidities	ICD-9-CM diagnostic code associated with	Certain co-morbidities are known
	conditions known to occur with chronic pain.	to be associated with chronic
		pain.
7. Hospitalizations		Certain chronic pain patients are
a. Time period establishing	a. Associated time period either multiple visits within	frequently hospitalized, either to
chronicity	an associated period of time, or pattern of visits	treat spikes in pain, or to receive
b. Admitting diagnosis	showing elapsed period of time (e.g. ≥ 91 days).	back-related procedures.
c. Procedures performed	b. Associated ICD-9-CM diagnostic code.	
	c. Pattern of ICD-9-CM and CPT procedure codes.	
8. Evidence of trauma	a. Test results such as x-ray, contained in medical	Numerous chronic pain
a. Diagnostic test associated	record.	indications are trauma-related in
with trauma		origin (e.g. CRPS).
9. Evidence of palliative or	a. ICD-9-CM procedure codes associated with	Chronic pain patients receive a
rehabilitation care	palliative or rehabilitation care.	variety of physical therapy,
a. Documented procedure	b. Evidence of care seeking behavior relating to	chiropractic services, acupuncture
b. Pattern of care	combination of providers.	therapy and other similar types of
c. Time interval establishing	c. Associated time period, either multiple visits	services to treat their condition.
chronicity	within an associated period of time; or pattern of	
	visits showing elapsed period of time (e.g. >91	
	days).	

FIG. 7b

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	Non-Medical Indicia	Remarks
1.	Patient Self-Assessment - Pain Significantly Interferes	Patient self-assessment is one important and relevant perspective
	with Life Activities	to measure the patient's perceptions relative to the impact the pain
		is having upon the quality of their life. This data is critical in
		stratifying patients; for example, a high score could trigger "a high
		need for treatment immediacy" category.
-2	Patient Self-Assessment - High Pain Intensity Rating	This data is critical in stratifying patients; for example, a high
		score could trigger "a high need for treatment immediacy"
		category.
<u>ښ</u>	3. Patient Self-Assessment - Intense and Multiple Pain	This data is critical in stratifying patients; for example, a high
	Descriptors	score could trigger "a high need for treatment immediacy"
		category.
4.	Patient Self-Assessment - High Impact of Pain on Mood	This data point is also a quality of life indicator, measuring
_		patient's perception of how pain alters personality.
5.	Patient Self-Assessment - Low Family Support	Family support is a key indicator of treatment success. It also has
		an impact on the type of treatment that a provider will proscribe
		(For example, certain treatments are enhanced through the
		encouragement of family.)
9		This is a data point that will be of particular interest to the payer
_	to Work	and employer. It also can be relevant in determining the type and
		intensity of treatment.
7.	Patient Self-Assessment - High Impact of Pain on Health	This data point is an important quality of life indicator.
	Status	
∞	Patient Self-Assessment - Downward Health Trend	This data point is an important quality of life indicator.
۶.	Patient Self Assessment - Depression	Many chronic pain patients suffer from depression (accounting for
	-	up to 40% of overall health care costs associated with the
		treatment of low back.) It is a key chronic pain indicator, and will
		be a determining factor in course of treatment.
10	10. Patient Self-Assessment - Low Life Satisfaction Score	This data point is an important quality of life indicator.
=	11. Patient Self-Assessment, or Family Assessment - Poor	Community support is a key indicator of treatment success.
į	Community Support Structure	
12	12. Patient Self-Assessment - Low Job Satisfaction Score	This data point is an important quality of life indicator.

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Non-Medical Indicia	Remarks
13. Patient Self-Assessment, or Family Assessment - Lack of Daytime Distractions	This data point is a predictor of treatment success.
14. Patient is a Smoker	Smoking complicates the delivery of health care services, has a direct relationship to health outcomes, and is a significant driver of health care costs.
15. Other Behavior Characteristics	This is relevant to predict treatment success, to determine course of
• Current • Past*	treatment, and as a stratification indicator.
16. Patient Matches Personality/Psychological Risk Profile	Personality characteristics are strong indicators of treatment success, and also provide guidance in determining choice of treatment.
17. Pending Litigation Relating to Injury	The existence of a pending lawsuit has a measurable relationship to treatment outcome, particularly as it relates to length of treatment.
18. Patient is Overweight by more than 25% of Normal Weight	Weight relates to treatment choice, treatment outcome and to health care complications (which relate to overall health care treatment costs.)
19. Patient's Job is in a High Work Risk Category	Patients in certain high-risk work categories, such as trucking and heavy industry, have a much higher incidence of low back injuries and other chronic pain indications.
20. Patient Involved in Recent or Pending Divorce	A patient's marital status relates to state of being, which is related to how well a patient will respond to treatment. It also relates to stress, which increases a patient's overall risk for an adverse health event.
21. Other Demographic Indicators: * Age * Race/ethnicity * Religion * Economic status * Gender	Certain demographic factors, such as those listed, have a direct relationship to treatment choice, treatment outcome and health care complications (which relate to overall health care treatment costs.)
22. Open Workers' Compensation Claim	The existence an open workers' compensation claim is a significant predictor of treatment outcome, particularly as it relates to length of treatment. It is also a variable an employer is interested in tracking.
23. Patient has Hired an Attorney for Representation on a Work-related Injury	The existence of an attorney has a measurable relationship to treatment success.

FIG. 8b

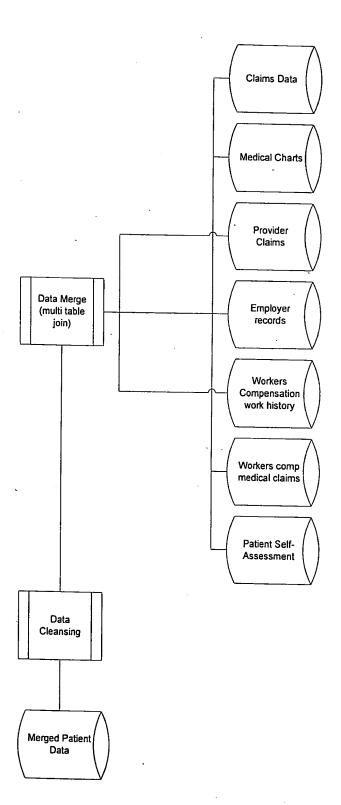


FIG. 9

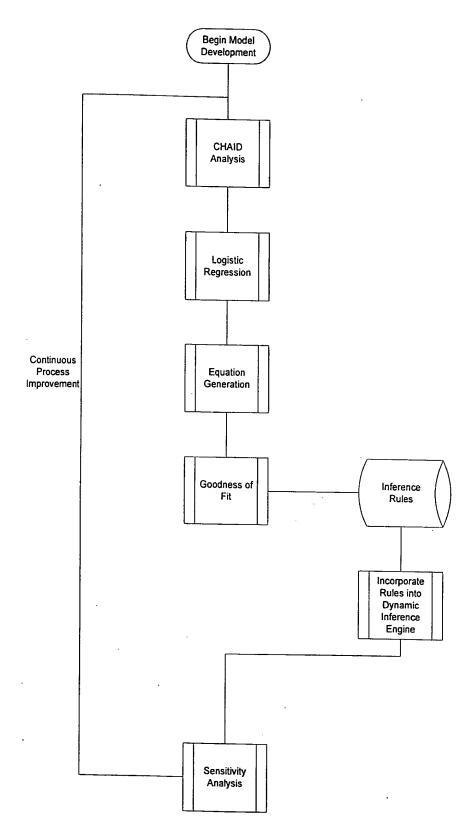
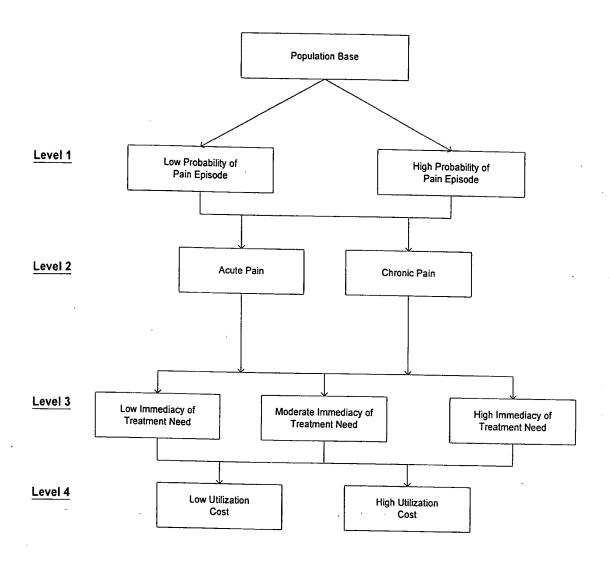


FIG. 10



		Stratification Combinations	ations	
Possible	Harm Reduction	Pain Stratification	Pain Treatment	Care Management
Combinations		•)
	Low	Acute	High	High.
2	Low	Acute	High	Low
3	Low	Acute	Medium	High
4	Low	Acute	Medium	Low
5	Low	Acute	Low	High
9	Low	Acute	Low	Low
7	Low	Chronic	High	High
8	Low	Chronic	High	Low
6	Low	Chronic	Medium	High
10	Low	Chronic	Medium	Low
11	Low	Chronic	Low	High
12	Low	Chronic	Low	Low
13	High	Acute	High	High
14	High	Acute	High	Low
15	High	Acute	Medium	High
16	High	Acute	Medium	Low
17	High	Acute	Low	High
18	High	Acute	Low	Low
19	High	Chronic	High	High
20	High	Chronic	High	Low
21	High	Chronic	Medium	High
21	High	Chronic	Medium	Low
23	High	Chronic	Low	High
24	High	Chronic	Low	Low

FIG. 12

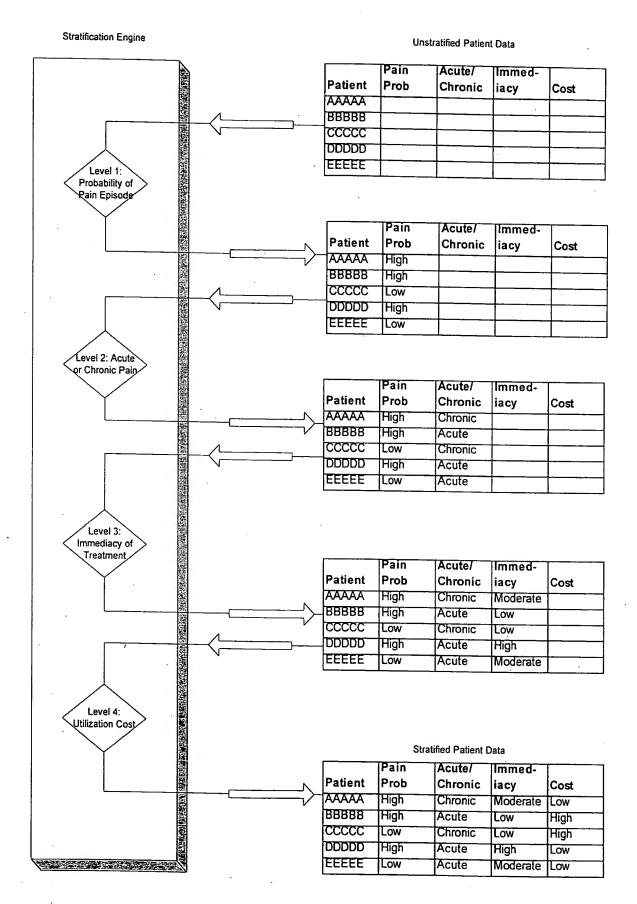


FIG. 13

Level 1 Harm Reduction

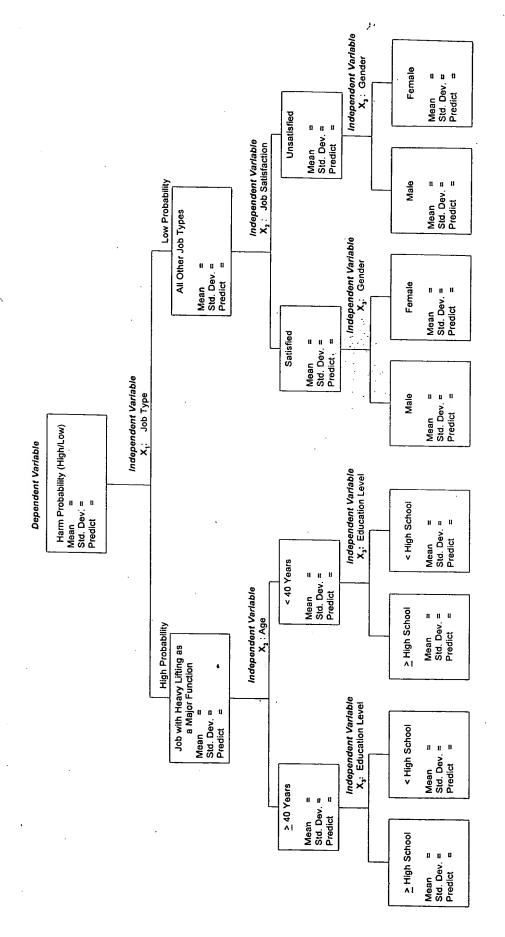


FIG. 14

Level 2 Pain Stratification

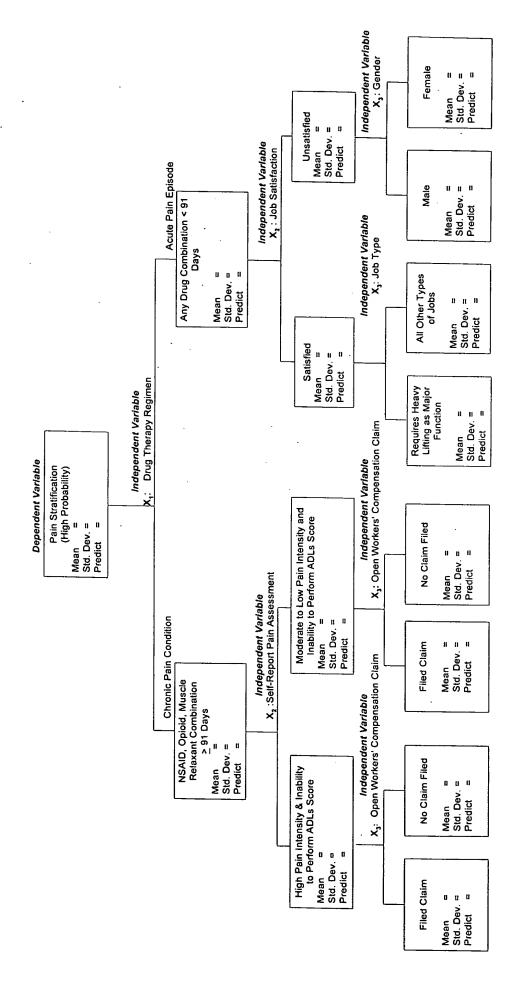


FIG. 15

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Level 3 Pain Treatment

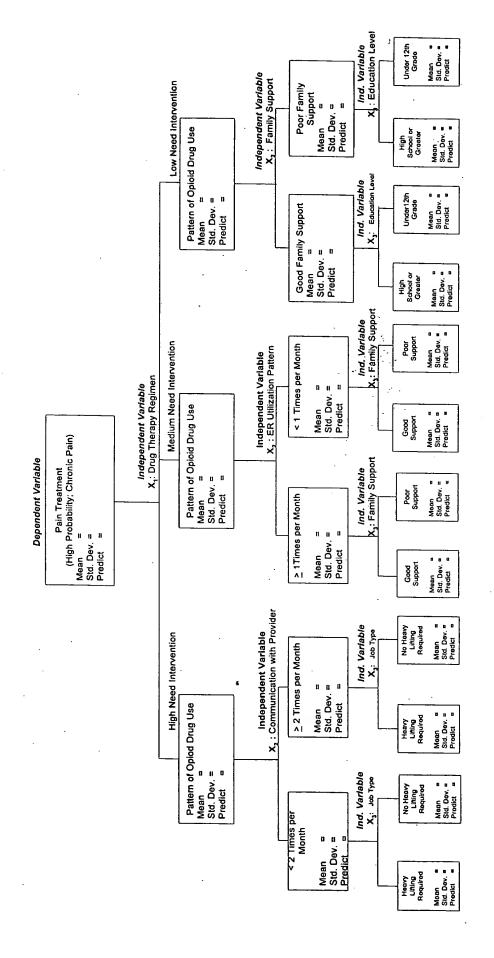


FIG. 16

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Level 4 Care Management

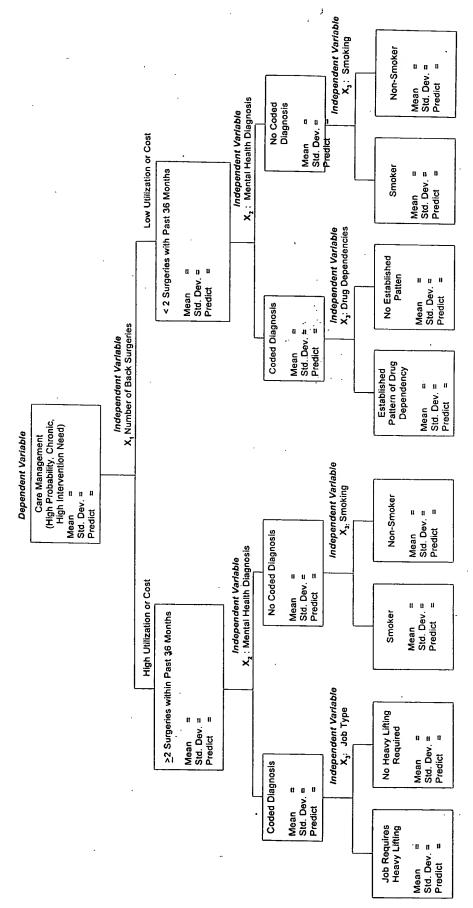


FIG. 17

Logistics Output	Variable		
Independent Variable	Parameter	Odds Ratio	P-Value
Constant	(+)		
Number of Back Surgeries (X ₁)	(+)	3.1	P<0.05
Mental Health ($\geq 40 \text{ years}$) (X_2)	(+)	2.1	P<0.05
Job Type (X3)	(+)	1.9	P<0.05
(X_4)			
(X_5)			

FIG. 18

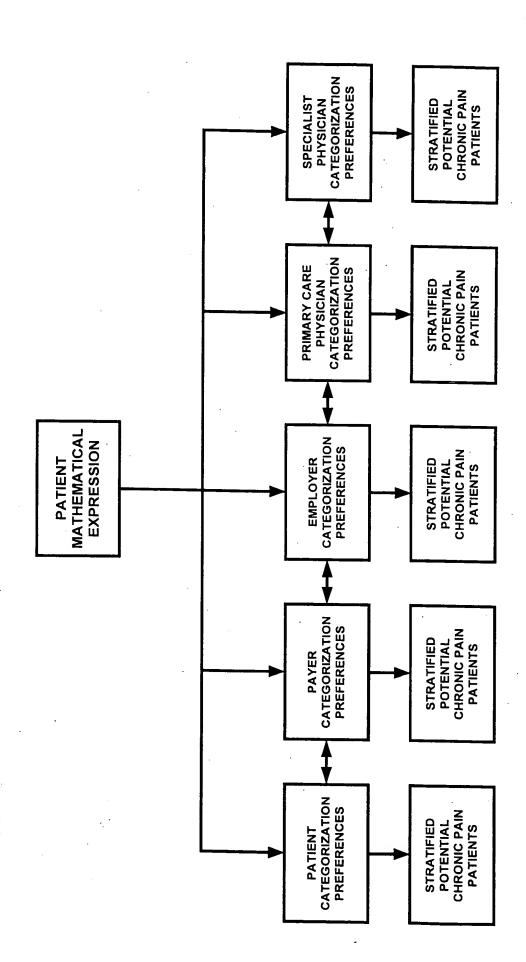


FIG. 19

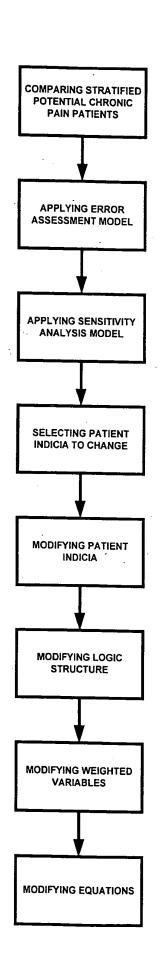


FIG. 20

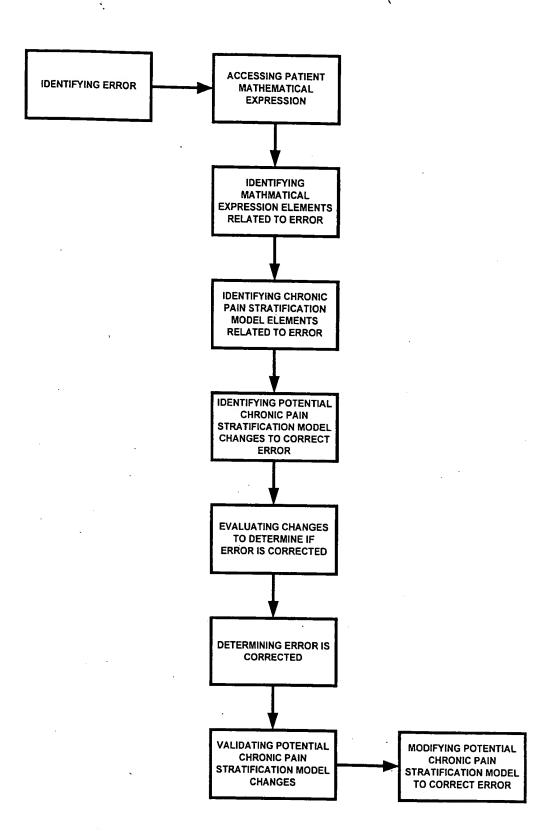


FIG. 21